

Converting Colors

$Yxy(37.7013, 0.4242, 0.3466)$

Have a look what the booklet for
Yxy(37.7013, 0.4242, 0.3466)
contains.

Yxy(37.7013, 0.4242, 0.3466)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.7013, 0.4242, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	E68E7F
RGB	230, 142, 127
RGB Percent	90%, 56%, 50%
CMY	0.0980, 0.4432, 0.5019
CMYK	0.00, 0.38, 0.45, 0.10
HSL	9°, 67%, 70%
HSV	9°, 45%, 90%
XYZ	46.1422, 37.7013, 24.9312
YIQ	166.6020, 57.2630, 13.9910

Conversions

Conversions Part 2

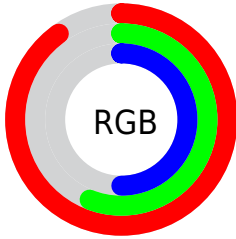
Format	Color
R _Y B	230, 145, 127
Decimal	15109759
CIE Lab	67.80, 31.76, 22.13
CIE LCh	68, 38.709, 34.864
Yxy	37.7013, 0.4242, 0.3466
Android (android.graphics.Color)	4293299839 (0xFFE68E7F)
YUV	166.6020, -19.5238, 55.6000
Hunter-Lab	61.4014, 26.6876, 18.9071

Details

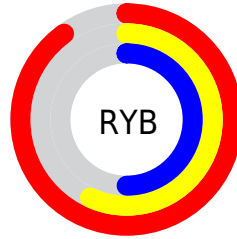
The Yxy color **37.7013, 0.4242, 0.3466** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8520, 0.2493, 0.3098**, and the grayscale version is **38.5173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4878, 0.3736, 0.3469**, and **16.5203, 0.4586, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **31.8276, 0.4631, 0.3498**, and if you desaturate by 10%, it is **44.7471, 0.3906, 0.3427**.

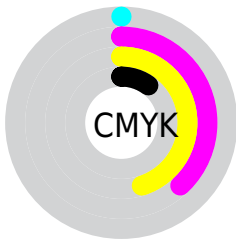
Distribution



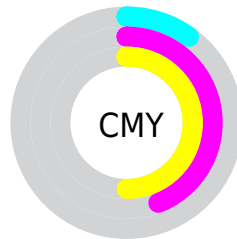
- Red (90%)
- Green (56%)
- Blue (50%)



- Red (90%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7013, 0.4242, 0.3466 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.7013, 0.4242, 0.3466 by changing the saturation by 10% instead.

 37.7013, 0.4242,
0.3466


 37.7013, 0.4242,
0.3466


336.3369, 0.3660,
0.3400

 25.7509, 0.4393,
0.3474


 71.6501, 0.4026,
0.3448

 16.6374, 0.4590,
0.3479


 94.4173, 0.3946,
0.3439

 9.9763, 0.4854,
0.3475


 121.5589, 0.3879,
0.3431

 5.3833, 0.5225,
0.3448

153.4593, 0.3822,
0.3424

 2.4738, 0.5803,
0.3379

190.5029, 0.3773,
0.3417

 0.8635, 0.6810,
0.3190

233.0741, 0.3730,

 0.0000, 1.0000,

0.3411

0.0000

281.5573, 0.3693,
0.3405

0.0000, 0.0000,
0.0000

37.7013, 0.4242,
0.3466

37.7013, 0.4242,
0.3466

31.8276, 0.4631,
0.3498

44.7471, 0.3906,
0.3427

27.0569, 0.5060,
0.3516

53.0183, 0.3626,
0.3386

23.3212, 0.5496,
0.3512

62.5714, 0.3394,
0.3346

20.5426, 0.5887,
0.3481

73.4580, 0.3205,
0.3307

18.6319, 0.6175,
0.3425

85.7267, 0.3050,
0.3272

■ 17.9380, 0.6281,
0.3394

■ 95.5659, 0.2976,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7013, 0.3899, 0.3026



37.7013, 0.4242, 0.3466



37.7013, 0.4244, 0.3907

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.7013, 0.4242, 0.3466



37.7013, 0.2848, 0.4069



37.7013, 0.2330, 0.2386

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.7013, 0.4242, 0.3466



58.8520, 0.2493, 0.3098

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.7013, 0.2111, 0.2554



37.7013, 0.4242, 0.3466



37.7013, 0.2383, 0.3519

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.7013, 0.4242, 0.3466



37.7013, 0.3414, 0.4342



37.7013, 0.2127, 0.2949



37.7013, 0.2763, 0.2432

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.7013, 0.4242, 0.3466



37.7013, 0.4063, 0.4154



37.7013, 0.2127, 0.2949



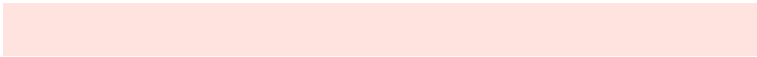
37.7013, 0.2232, 0.2417

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.7032, 0.4242, 0.3466



81.2831, 0.3359, 0.3339



36.9831, 0.3309, 0.2324



16.7802, 0.3405, 0.3348



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7032, 0.4242, 0.3466



40.5330, 0.4612, 0.3497



56.1691, 0.3968, 0.4025



14.7043, 0.3289, 0.3325



10.2607, 0.6262, 0.3410



0.8647, 0.6021, 0.3601

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.8520, 0.2493, 0.3098



70.4297, 0.2388, 0.3051



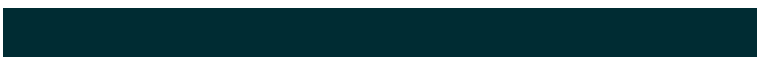
37.0616, 0.2373, 0.2412



15.9605, 0.2981, 0.3255



25.8706, 0.2118, 0.2823



2.0097, 0.2138, 0.2898

Previews

White Background



This preview shows how the Yxy color 37.7013, 0.4242, 0.3466 looks on a white background.

Color Contrast Check

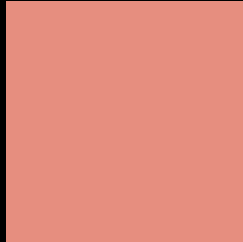
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.7013, 0.4242, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.7013, 0.4242, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 37.7013, 0.4242, 0.3466.



This preview shows how white text looks on a background with the Yxy color 37.7013, 0.4242, 0.3466.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.7013, 0.4242, 0.3466

Protanopia

37.8592, 0.3466, 0.3674

Deuteranopia

37.8536, 0.3826, 0.3758



Tritanopia

37.7910, 0.4031, 0.3178

Trichromacy



Original Color

37.7013, 0.4242, 0.3466

Protanomaly

37.4373, 0.3736, 0.3599

Deuteranomaly

37.6730, 0.3980, 0.3647

Tritanomaly

37.6682, 0.4107, 0.3281

Monochromacy



Original Color

37.7013, 0.4242, 0.3466

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6679, 0.3503, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7013, 0.4242, 0.3466 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 127) }
```

Border

The CSS property to change the border of an element to Yxy 37.7013, 0.4242, 0.3466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 142, 127) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 142, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 142, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7013, 0.4242, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
142, 127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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